



PTO/SB/17 (01-03)  
Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision

☒ Applicant claims small entity status See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**65 00**

**Complete if Known**

Application Number	10/644,733
Filing Date	August 21, 2003
First Named Inventor	Nick Sherstyuk et al
Examiner Name	
Art Unit	2825
Attorney Docket No.	PAT 655-2

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: **501593**

Deposit Account Name: **Borden Ladner Gervais LLP**

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims:  -20\*\* =  X  =

Independent Claims:  -3\*\* =  X  =

Multiple Dependent:

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>			<b>(\$)</b>

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	65 00
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 65	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 830	2253 405	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify):			
*Required by Basic Filing Fee Paid			
<b>SUBTOTAL (3)</b>			<b>(\$)<b>65 00</b></b>

**SUBMITTED BY**

Name (Print/Type)	Keslie Anne Kinsman	Registration No. (Attorney/Agent)	45,291	Telephone	613-237-5160
Signature		Date	October 7, 2003		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PTO/SB/88 (04-03)

Approved for use through 04/30/2003 OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner Analog Design Automation Inc.

Application No./Patent No. \_\_\_\_\_ Filed/Issue Date: \_\_\_\_\_

Entitled: METHOD OF INTERACTIVE VISUALIZATION AND PARAMETER SELECTION FOR ENGINEERING DESIGNAnalog Design Automation Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Nick Sherstyuk and Dean Brodzko Analog Design Automation Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Aug 19, 2003  
Date  
613-755-2787  
Telephone number

Trant McConaghy  
Typed or printed name  
Trant McConaghy  
Signature  
Chief Scientist  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**COPY**

WORLDWIDE

**ASSIGNMENT**

We:

(1) Nick Sherstyuk  
6070 Willowbark Drive  
Ottawa ON K1C 5T8  
CANADA

(2) Dean Brotzel  
#2-404 Daly Avenue  
Ottawa ON K1N 6H2  
CANADA

for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell and assign to:

**Analog Design Automation Inc.**  
233 Metcalfe Street  
Ottawa ON K2P 2C2  
CANADA

all our right, title and interest in the United States of America, Canada, and all countries foreign thereto, in and to the invention disclosed in U.S. Provisional Patent Application No. 60/404,766, filed August 21, 2002, relating to, and entitled:

**METHOD OF INTERACTIVE VISUALIZATION AND PARAMETER SELECTION FOR  
ENGINEERING DESIGN**

and to any application for patent claiming priority therefrom, and to all our corresponding right, title and interest in and to any patent issued therefrom, and to any patent issued from a continuation, continuation-in-part, re-issue, divisional or re-examination application derived, or claiming priority, from the above application.

We agree to co-operate in obtaining the above-mentioned patent protection, and to execute such documents as may be required to file the above-mentioned applications, and secure the above-mentioned patents, in the name of the assignee, or its successors in title.

We authorize the firm of Borden Ladner Gervais LLP to insert any further identification necessary to make this assignment suitable for recordation in the Patent Offices of any country as may be required.

SIGNED at Ottawa Canada  
City or Town Country  
this 24th day of September, 2002  
Nick Shershyuk  
Nick Shershyuk

STATEMENT BY WITNESS	
I, <u>Trent McConaghy</u> (name of witness)	whose full post office address is
<u>512-169 Lees Ave, Ottawa, ON K1S 5M2</u>	
was personally present and did see <b>Nick Shershyuk</b> execute the within assignment and such assignor is personally known to me to be the person described in such document.	
<u>[Signature]</u> Signature of Witness	

SIGNED at Ottawa Canada  
City or Town Country  
this 24 day of September, 2002  
Dean Brotzel  
Dean Brotzel

STATEMENT BY WITNESS	
I, <u>Trent McConaghy</u> (name of witness)	whose full post office address is
<u>512-169 Lees Ave, Ottawa, ON K1S 5M2</u>	
was personally present and did see <b>Dean Brotzel</b> execute the within assignment and such assignor is personally known to me to be the person described in such document.	
<u>[Signature]</u> Signature of Witness	

Please Complete and Return the Executed Form to Borden Ladner Gervais LLP



Attorney Docket #: PAT 655-2  
 First Named Inventor: Nick Sherstyuk et al.  
 IP-OTT-115694491

## DECLARATION OF INVENTORSHIP

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title of Invention
METHOD OF INTERACTIVE VISUALIZATION AND PARAMETER SELECTION FOR ENGINEERING DESIGN

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

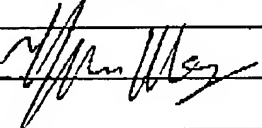
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

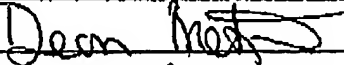
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

### Prior Foreign/PCT Application(s)

Application Number(s)	Country	Date of Filing	Priority Not Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Direct all correspondence to Customer No. 26123

<b>1. Full name of sole or first inventor</b>		
<b>Nick</b> <i>(Given Name)</i>	<b>(Middle Initial or Name)</b>	<b>Sherstyuk</b> <i>(Family or Last Name)</i>
<b>Inventor's signature:</b>		
<b>Date:</b>	Aug 27th - 2003	
<b>Country of Citizenship:</b>	Ukraine Canadian	
<b>Residence:</b>	Ottawa <i>(City)</i>	Ontario, Canada <i>(State or Foreign Country)</i>
<b>Post Office Address:</b>	6070 Willowbark Drive, Ottawa, Ontario, K1C 5T8, Canada	

<b>2. Full name of SECOND inventor</b>		
<b>Dean</b> (Given Name)	<b>T</b> (Middle Initial or Name)	<b>Brotzel</b> (Family or Last Name)
<b>Inventor's signature:</b>		
<b>Date:</b>	August 20, 2003	
<b>Country of Citizenship:</b>	Canada	
<b>Residence:</b>	Ottawa (City)	Ontario, Canada (State or Foreign Country)
<b>Post Office Address:</b>	#2-404 Daly Avenue, Ottawa, Ontario, K1N 6H2, Canada	